

ANNUAL REPORT

2016-2017



HAWAII
GEOGRAPHIC
INFORMATION
COORDINATING
COUNCIL



INTRODUCTION

The **Hawaii Geographic Information Coordinating Council (HIGICC)** is a private non-profit 501(c)(3) organization consisting of members of Hawai'i's geospatial community. Our goal is to provide coordination of geospatial activities among a wide range of users to avoid duplication of effort, promote data sharing, and maintain data standards throughout the state. HIGICC is a member of the National States Geographic Information Council (NSGIC), "an organization committed to efficient and effective government through the prudent adoption of geospatial information technologies."



The HIGICC strives to bring together and continue to build the geographic community into a cohesive, recognized coordinating body that facilitates the use, development, sharing, and management of geographic data and communicates the value of geographic information to citizens and decision-makers. In the State of Hawaii, GIS is recognized and effectively used as an invaluable tool by the government, business and the citizens for understanding and managing our aina (environment). The Hawaii Geographic Information Coordinating Council is a shared mechanism for the diverse community to identify, explore, and solve problems with geospatial information.



BOARD OF DIRECTORS



CRAIG CLOUET
PRESIDENT
2017



GRETECHEN CHIIQUES
VICE PRESIDENT
2018



MAILE BEACH-SMITH
TREASURER
2017



CHRISTINE CHAPLIN
SECRETARY
2017



STEPHANIE SAEPHAN
2018



SARAH MCLANE BRYAN
2018



SYLVIE CARES
2017



BERTHA YAGI
2018



ISLA YOUNG
2017



SAM ARUCH
2018



ARTHUR BUTO
2018



CRAIG CLOUET

PRESIDENTS MESSAGE

Aloha, the 2016-2017 July1- June 30th year is closing soon. The HIGICC board wishes to say thank you to the many active members, and to those who casually participate in some of our events. Together we make Hawaii a better place by open communication and activities that bring us together. It is easy for us busy professionals to keep focused on the day-to-day activities that we all have with our work. It is equally important to share and network, take time to promote the overall benefits of geospatial technology in the broader community, and spend time to educating others, especially the next generations, the value of the work. The events we sponsor and promote are part of the effort to make Hawaii and the Pacific a great place to live and work. As an organization, we are always looking to improve our base, and have meaningful activities. Please let us know how we are doing, and what you want to see from the HIGICC.

Craig Clouet
HIGICC President
2016-2017

GIS EXPO

On March 24th 2017 over 100 seasoned and emergent geospatial professionals gathered at the Hawaii Convention Center for HIGICC's annual GIS expo. They came to feast on a delicious lunch, network with their peers, and learn about the status of geospatial happenings around the State of Hawai'i and beyond. Undistracted by Hawaiian International Auto Show's shiny cars in the adjacent lobby, participants were bedazzled by a plethora of maps, data, and analysis. Eighteen speakers presented on such topics such as open source GIS, the State of Hawaii's Geospatial program, ESRI's new data analysis tools, industry updates on public health GIS, changes in the National Spatial Reference System, unmanned aerial vehicle mapping and much more. For more information check out links on the HIGICC web page. We hope to see you at next year's expo!!



GIS DAY

Oahu students celebrated GIS Day at the NOAA Inouye Regional Center on Nov. 15! HIGICC teamed up with NOAA and MEDB's Women in Technology Project.

Students took part in various sessions all exploring how GIS is used in the industry. They explored the Earth with Science on the Sphere, learned about topography through an Augmented Reality Sandbox, used GPS units to track their movements, learned how drones are used to collect data, create Storymaps, and see different parts of the world through virtual reality!

Mahalo to NOAA, City and County of Honolulu, DLNR's Hawaii State Historic Preservation Division, Esri, Group 70, Hawaii Department of Transportation, Honolulu Board of Water Supply, JIMAR, Resource Mapping Hawaii, Smart Trees Pacific, State of Hawaii's Office of Planning,



The Nature Conservancy Hawaii, The Onyx Group, [UN]cultivated, Inc., the US Army - Schofield Barracks, Nick Turner, Jim Hayden, and all of the HIGICC volunteers for their time to inspire the next generation!



CENSUS WORKSHOP

This May 4th; we had a workshop conducted by Eric Coyle from the US census bureau. We learned about the Census Bureau's machine-readable dataset discovery service for Developers, the Census application programming interface (API) lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics. The Census Bureau's API allows developers to design web and mobile apps to explore or learn more about America's changing population and economy. Time to start thinking about the upcoming US census 2020

STEM CONFERENCE

On May 1st and 2nd, the Women in Technology put on another fantastic Hawaii STEM conference. This year they brought the conference over to Oahu, from Maui where it was held the past 7 years. The HIGICC was a proud sponsor of this year's conference. We also had some of our members and provided needed support to inspire over a 1000 teachers, and students in the 5x5 job counseling, as well as a GIS session. If you have not been to STEM conference, do try for next year's.





This year, as President of the HIGICC, I am happy to award Edward Carlson the recipient of the President's award. I am sure you all know Ed. Edward Carlson is the State Geodetic Coordinator, and works for the National Geodetic Survey under NOAA. He has been instrumental in keeping us here in Hawaii and the Pacific grounded. He has worked very hard over the years to make sure GIS professionals are getting the most positional accuracy possible. Mr. Carlson also is very active with the Land surveyors here in Hawaii and the Pacific. Currently Ed has been a driving force in the state-wide releveling project. This important work is the foundation to what the geospatial community needs for mapping and monitoring. Edward is always glad to share his knowledge, and help people



SPONSORSHIP PROGRAM

This year, the HIGICC Board of Directors implemented a new sponsorship program. It is intended to help support events and help keep the HIGICC financially strong, plus let our commercial members have a venue to get out the word of their services and strengths in the geospatial realm.

There is a form on the HIGICC website if you have interest. Please let us know if you have any questions. It also includes an organizational membership. Now is a good time to enroll, with the annual membership renewal underway.



NEWSLETTER

As part of the HIGICC mission to exchange ideas and news, we have begun compiling and sending out a quarterly newsletter. We sent out the first one in Q1 2017. If you have information or a little article you want to share, please let us know.



CURRENT BOARD

The current 2016-2017 HIGICC board has been working well together. It has a nice diversity, spanning across the state, as well as from a broad spectrum of employers. We have government, non profits, and commercial members that bring a balanced management of the 501c3. We encourage our members to be active participants with the events and even meetings. It is not all work on the board, it can be fun at times too. Plus, it is a great way to get GISP points and looks great on your resume. This year's election process is underway, think about running next year.

FINANCIAL REPORT

FISCAL YEAR 2015-16

Income from membership dues continues to support fixed operating costs, professional services, membership dues expenses, and Board of Director travel. Income from membership dues exceeded basic operating expenses by \$816.

Income

Member Dues		\$6130.00
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Expenses

Basic Operating Costs		\$-5,313.89
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Fixed Operating Costs		\$-2,131.28
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D&O Insurance	\$-718.00
Contact Management Site	0.00
Domain Name	-\$143.52
Email Service	-\$150.00
PO Box	-\$200.00
Postage	-\$19.60
Licenses & Permits	-\$3.50
Paypal Fees	-\$224.78
Web Conferencing Service	-\$671.88

Professional Services		-\$680.61
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Accounting Services	-\$680.61
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Membership Dues Expense		-\$465.00
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NSGIC	-\$365.00
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HANO	-\$100.00
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BOD Travel (Projected end-of-year)		\$-2,037.00
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Net Gain

		\$816.11
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This year, the Board of Directors approved a new source of revenue – sponsorship income. Sponsor income, along with donations and surpluses from membership dues, supported scholarship awards, STEM education funding, and HIGICC sponsored events: Service Recognition & Retirement Party for Royce Jones, GIS Day, Oahu GIS Expo, and the Annual Meeting.

				Net Gain/Loss
Sponsorship Income	2,000.00	Sponsorship Expense	-1,000.00	1,000.00
		STEM Sponsorship	-1,000.00	
Donations Income - Scholarship	100.00	Scholarship Fund	-2,000.00	-1,900.00
		Undergraduate Scholarship	-1,000.00	
		Graduate Scholarship	-1,000.00	
Events Income	4,370.00	Events Expense	-5,857.01	-1,487.01
Service Recognition Social (Royce's Retirement)	1,690.00	Service Recognition Social (Royce's Retirement)	-1,646.59	43.41
GIS Day	0.00	GIS Day	-500.00	-500.00
GIS Expo -Oahu	2,280.00	GIS Expo - Oahu	-3,110.42	-830.42
Annual Meeting (projected)	400.00	Annual Meeting	-600.00	-200.00
		Miscellaneous Expense	-96.19	-96.19
		Promotional Gift ("swag")	-198.18	-198.18

Gross income for the year was \$12,600. Gross expenses were \$14,465.

TOTAL INCOME:	12,600.00	TOTAL EXPENSES:	-14,465.27	-1,865.27
				NET LOSS

The net loss of \$1,865 was covered by bank reserves built on profits from previous conferences. Current bank reserves are \$53,769 as of 6/13/2017.

OVER 30 YEARS OF SERVICE RECOGNITION



ROYCE JONES



On Friday, August 26, HIGICC threw a retirement party for Royce Jones, one of the pillars of the GIS community in Hawaii. Colleagues, friends and family from across the state came to celebrate Royce's more than 30 years in the industry, and his many contributions to HIGICC and to the field of GIS in Hawaii and across the Pacific. Attendees enjoyed food, drink and fellowship, along with presentations and speeches honoring him. Thank you, Royce, for all you've done for GIS in Hawaii and the Pacific!

MARK LIERMAN MEMORIAL SCHOLARSHIP AWARD

KATIE TALADY University
of Hawaii at Manoa

Katie is moving into her PhD in research developing coastal remote sensing techniques for benthic habitat mapping.



In less than two years, Katie completed her course work, presented her original research at numerous international conferences, and established her own collaborations with prominent scientist from Japan, Korea, India, and the USA.

Katie utilized UAS (Unmanned Aerial Systems) in her research on mapping coastal habitat, particularly in invasive and native species with high spatial resolution satellite imagery and meets any challenges head-on.

Katie's enthusiasm for mapping and marine science, unparalleled work ethic, and her dedication to community service and science education is notable for receiving the HIGICC Mark Lierman Memorial Award Scholarship.





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